

What is claimed is:

1. A rubber composition, comprising:

a rubber component containing

(A) 1-70 weight parts of polybutadiene rubber

5 having a Mooney viscosity (ML) of 35-50 and composed of (a) 1-9 weight % of a boiled n-hexane insoluble fraction having a melting point of 180 °C or higher and (b) 99-91 weight % of a boiled n-hexane soluble fraction, and

10 (B) 99-30 weight parts of diene-based rubber other than (A); and

a crosslinking coagent (C) mixed therein.

2. The rubber composition according to claim 1, wherein the boiled n-hexane insoluble fraction (a) comprises syndiotactic polybutadiene, having a reduction viscosity of 1.0-3.0, and wherein the boiled n-hexane soluble fraction (b) has a molecular weight distribution (Weight average molecular weight (Mw)/ Number average molecular weight (Mn)) of 3.0-5.0.

20 3. The rubber composition according to claim 1 or 2, wherein the boiled n-hexane soluble fraction (b) has a Mooney viscosity of 25-40 and a cis content of 95 % or higher.

25 4. The rubber composition according to any one of claims 1-3, wherein the diene-based rubber (B) has a molecular weight distribution (Weight average molecular weight (Mw)/ Number average molecular weight (Mn)) of 2.5-5.0.

5. A golf ball including the rubber composition according to any one of claims 1-4 as a rubber base material.